



FEB 27 2020 AM 10:08

MEMORANDUM OF UNDERSTANDING TRANSFER ARTICULATION

ARKANSAS STATE UNIVERSITY-NEWPORT
AND
ARKANSAS STATE UNIVERSITY-JONESBORO

Associate of Science in Natural Science

and

Bachelor of Science in Biological Sciences

This Memorandum of Understanding ("Agreement"), entered into on May 8, 2020, ("Effective Date") by and between Arkansas State University-Jonesboro (hereinafter, "ASUJ"), located at 2105 Aggie Road, Jonesboro, Arkansas 72401, and Arkansas State University-Newport (hereinafter "ASUN"), located at 7648 Victory Blvd, Newport, AR 72112.

PURPOSE

The purpose of this Agreement is to facilitate the transfer and degree completion of students earning the Associate of Science in Natural Science at ASUN to the Bachelor of Science in Biological Sciences. Through collaborative efforts, ASUJ and ASUN will provide clarity regarding the degree requirements herein, and afford students the opportunity to earn a high-quality degree from both institutions in the most efficient manner possible.

AGREEMENT

It is agreed that any student who has earned the Associate of Science in Natural Science at ASUN will be admitted to the Bachelor of Science in Biological Sciences at ASUJ with full junior classification based on credit hours, subject to the provisions listed below. Students must be aware that the program at ASUJ may take more than 2 years to complete based on course sequence and rotation.

ADMISSION REQUIREMENTS

- A. The student must complete the requirements necessary for general admission to ASUJ as well as specific admission to the ASUJ Bachelor of Science in Biological Sciences.
- B. The student will have earned the Associate of Science in Natural Science at ASUN.
- C. Degree program admission requirements for students who transfer pursuant to this Agreement will be determined in the same manner as if their initial enrollment had been at ASUJ.

TRANSFER OF CREDITS

- A. Course requirements for this Agreement are displayed on the following attachments (see Appendix A).
- B. A transfer student who has not completed all of the courses specified within the Associate of Science in Natural Science degree plan at ASUN, before entering ASUJ, must work with an academic advisor to ensure timely completion of degree program requirements.
- C. Current and updated copies of catalogs/curricular requirements for the ASUJ Bachelor of Science in Biological Sciences program will be available to ASUN online.
- D. Remedial course grades will not be computed in the cumulative GPA for purposes of admission to ASUJ.
- E. All students seeking a baccalaureate degree from ASUJ in the Department of Biological Sciences must demonstrate a basic proficiency in a foreign language. This may be done in one of the following ways:
 - a. By completing two years of a single foreign language in high school
 - b. By completing the second semester of an elementary foreign language course at the college level. Students with previous language experience must consult with a faculty member in World Languages for course placement. Students must completed Elementary Language II.
 - c. By passing an examination acceptable to the foreign language faculty as proof of proficiency equivalent to successful completion of the second semester of the elementary year of a foreign language at the college level.
- F. Calculation of overall GPA for purposes of graduation and awarding of honors is left to the discretion of ASUJ.

IMPLEMENTATION AND REVIEW

- A. The Chief Academic Officers at each institution will implement the terms of this Agreement, including incorporation of any mutually agreed upon changes into subsequent revisions of this Agreement, assuring compliance with system policy, procedure and guidelines.
- B. This Agreement will be reviewed on an annual basis. Both ASUJ and ASUN agree to notify one another in a timely manner of any curriculum changes that would significantly impact the nature of this Agreement.

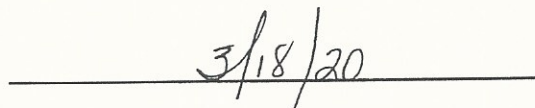
- C. ASUJ and ASUN will work together cooperatively, in the best interest of affected students, to resolve any issues related to the transfer of courses should changes to either degree program occur while the Agreement is in effect.
- D. Students will be subject to the terms and conditions of this Agreement in accordance with their academic year of entry at ASUN. A student may opt for a subsequent revision of this Agreement, but must meet all of the requirements specified therein.
- E. ASUJ and ASUN will make every effort to inform students of this Agreement. This may include, but is not limited to, inclusion within each institution's website, published catalog, recruitment publications, media announcements, social media engagement, and in-person information sessions.

MISCELLANEOUS

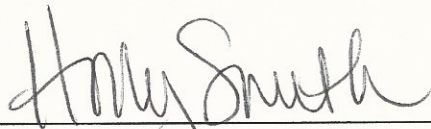
- A. This Agreement is effective upon execution and shall remain in effect even if persons, positions, and/or titles change.
- B. This Agreement may be terminated by either party with at least 90 calendar days written notice.
- C. In the event that the Agreement is terminated, no new students will be admitted to the program; however, all students who have already been admitted to ASUJ, in accordance with the terms of this Agreement, will be allowed to complete their approved course of study under the terms contained therein.
- D. This agreement shall become effective at the time that the Arkansas Department of Higher Education has been notified and approval has been granted.



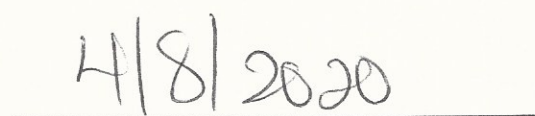
Alan Utter, Ph.D.
Executive Provost and Vice Chancellor for
Academic Affairs and Research
Arkansas State University-Jonesboro



Date



Holly Smith, Ed.D.
Vice Chancellor for Academic Affairs
Arkansas State University-Newport



Date

Appendix A:

Course equivalencies between Arkansas State University-Newport and Arkansas State University - Jonesboro

ASUN Courses

English Composition

ENG 1003 Composition I

ENG 1013 Composition II

SPCH 1203 Oral Communications

Mathematics

MATH 1023 College Algebra

Life Science

BIOL 2214 Biology of the Cell

Physical Sciences

CHEM 1014 General Chemistry I

Social Sciences

PSY 2013 Introduction to Psychology

U.S. Government/History

HIST 2763 U.S. History to 1876 **OR**

HIST 2773 U.S. History Since 1876 **OR**

POSC 2103 Intro to US Government

World History

HIST 1013 World Civilization to 1660 **OR**

HIST 1023 World Civilization Since 1660

Humanities

ENG 2003 Intro to Lit of the Western World I **OR**

ENG 2013 Intro to Lit of the Western World II **OR**

PHIL 1103 Introduction to Philosophy

Fine Arts

THEA 2503 Fine Arts Theatre **OR**

MUS 2503 Fine Arts Musical **OR**

ART 2503 Fine Arts Visual

Major Area Requirements

MATH 2204 Calculus I

GEOL 1004 Environmental Geology

BIOL 1034 Biology of Plants

BIOL 1054 Biology of Animals

PHYS 2054 General Physics I

PHYS 2064 General Physics II

CHEM 1024 General Chemistry II

ASUJ Courses

ENG 1003 Composition I

ENG 1013 Composition II

COMS 1203 Oral Communications

MATH 1023 College Algebra

BIO 2013/2011 Biology of the Cell/Lab

CHEM 1013/1011 General Chemistry I/Lab

PSY 2013 Introduction to Psychology

HIST 2763 The United States to 1876

HIST 2773 The United States Since 1876

POSC 2103 Intro to US Government

HIST 1013 World Civilization to 1660

HIST 1023 World Civilization Since 1660

ENG 2003 World Literature to 1660

ENG 2013 World Literature Since 1660

PHIL 1103 Introduction to Philosophy

THEA 2503 Fine Arts Theatre

MUS 2503 Fine Arts Music

ART 2503 Fine Arts Visual

MATH 2204 Calculus I

GEOL 1003/1001 Environmental Geology/Lab

BIO 1503/1501 Biology of Plants/Lab

BIO 1303/1301 Biology of Animals/Lab

PHYS 2054 General Physics I

PHYS 2064 General Physics II

CHEM 1023/1021 General Chemistry II/Lab

ASU- JONESBORO COURSES

The following are courses that ASUN students must take to complete ASUJ's Bachelor of Science in Biological Sciences Emphasis in Pre-Professional Studies

Foreign Language Requirement (0-6 hours)*

French, German, or Spanish

Major Requirements (16 hours)*

BIO 3013 **AND** 3011 Genetics and Laboratory

BIO 3023 Principles of Ecology

BIO 4021 Biological Seminar

CHEM 3103 **AND** 3101 Organic Chemistry I and Laboratory

CHEM 3113 **AND** 3111 Organic Chemistry II and Laboratory

Emphasis Area (Pre-professional Studies) (24 – 28 hours)*

BIO 3302 **AND** 3312 Comparative Anatomy and Laboratory **AND**

BIO 3323 **AND** 3321 Animal Physiology and Laboratory **OR**

BIO 3223 **AND** 3221 Human Structure and Function I and Laboratory **AND**

BIO 3233 **AND** 3231 Human Structure and Function II and Laboratory

BIO 4104 Microbiology

BIO 4133 **AND** 4131 Cell Biology **AND** Laboratory **OR**

CHEM 4243, Biochemistry

Choose three of the following:

BIO 3203 Pathophysiology

BIO 4103 Virology

BIO 4113 **AND** 4111 Immunology and Laboratory

BIO 4123 Cell Signaling

BIO 4133 **AND** 4131 Cell Biology and Laboratory

BIO 4143 Pharmacology

BIO 4163 **AND** 4161 Mammalian Neurobiology and Laboratory

BIO 4213 **AND** 4211 Human Genetics and Laboratory

BIO 4332 **AND** 4342 Animal Histology and Laboratory

BIO 4343 **AND** 4341 Animal Embryology and Laboratory

BIO 4552 **AND** 4551 Medical Mycology and Laboratory

BIO 4623 **AND** 4621 Environmental Microbiology and Laboratory

CHEM 3154 Survey of Physical Chemistry

CHEM 4243 Biochemistry

PHIL 3713 Ethics in the Health Professions

STAT 3233 Applied Statistics I

Electives (7 - 17 hours)**

*Due to rotation all courses may not be available every term

**Must include 1 - 5 Upper-Level hours

ASU- JONESBORO COURSES

The following are courses that ASUN students must take to complete ASUJ's Bachelor of Science in Biological Sciences Emphasis in Biology

Foreign Language Requirement (0-6 hours)*

French, German, or Spanish

Major Requirements (16 hours)*

BIO 3013 AND 3011 Genetics and Laboratory

BIO 3023 Principles of Ecology

BIO 4021 Biological Seminar

CHEM 3103 AND 3101 Organic Chemistry I and Laboratory

CHEM 3113 AND 3111 Organic Chemistry II and Laboratory

Emphasis Area (Biology) (34 – 37 hours)*

BIO 3033 Evolution

BIO 3302 AND 3312 Comparative Anatomy and Laboratory

BIO 3303 AND 3301 General Entomology and Laboratory OR

BIO 3322 AND 3332 Invertebrate Zoology and Laboratory

BIO 4443 AND 4441 Comparative Animal Physiology and Laboratory OR

BIO 4513 Plant Physiology

BIO 4104 Microbiology

BIO 4133 AND 4131 Cell Biology AND Laboratory OR

CHEM 4243, Biochemistry

BIO 4332 AND BIO 4342 Animal Histology and Laboratory OR

BIO 4343 AND BIO 4341 Animal Embryology and Laboratory

BIO 4542 AND 4541 Mycology and Laboratory OR

BIO 4552 AND 4551 Medical Mycology and Laboratory

BIO 4704 Plant Systematics OR

BIO 4522 AND 4521 Wetland Plant Ecology and Laboratory

STAT 3233 Applied Statistics I

Electives (BIO prefix) (5 - 8 hours)

*Due to rotation all courses may not be available every term

ASU- JONESBORO COURSES

The following are courses that ASUN students must take to complete ASUJ's Bachelor of Science in Biological Sciences Emphasis in Zoology

Foreign Language Requirement (0-6 hours)*

French, German, or Spanish

Major Requirements (16 hours)*

BIO 3013 **AND** 3011 Genetics and Laboratory

BIO 3023 Principles of Ecology

BIO 4021 Biological Seminar

CHEM 3103 **AND** 3101 Organic Chemistry I and Laboratory

CHEM 3113 **AND** 3111 Organic Chemistry II and Laboratory

Emphasis Area (Zoology) (30 – 34 hours)*

BIO 3302 **AND** 3312 Comparative Anatomy and Laboratory

BIO 3303 **AND** 3301 General Entomology and Laboratory **OR**

BIO 3322 **AND** 3332 Invertebrate Zoology and Laboratory

BIO 4443 **AND** 4441 Comparative Animal Physiology and Laboratory

BIO 4332 **AND** BIO 4342 Animal Histology and Laboratory

BIO 4343 **AND** BIO 4341 Animal Embryology and Laboratory

STAT 3233 Applied Statistics I **OR**

CHEM 4243 Biochemistry

Botany Elective (Choose One option of the following)(2-4 hours):

BIO 3501 **AND** BIO 3511 Wild Flowers of Arkansas and Laboratory

BIO 3542 **AND** BIO 3541 Plant Pathology and Laboratory

BIO 3553 Economic Botany

BIO 4513 Plant Physiology

BIO 4522 **AND** BIO 4521 Wetland Plant Ecology and Laboratory

BIO 4542 **AND** BIO 4541 Mycology and Laboratory

BIO 4552 **AND** BIO 4551 Medical Mycology and Laboratory

BIO 4704 Plant Systematics

BIO 4714 Dendrology

*Biology Electives (BIO prefix; consult advisor for appropriate course numbers)(5-7 hours)***

Electives (1 - 11 hours)

*Due to rotation all courses may not be available every term

**Must include 2 - 4 Upper-Level hours

ASU- JONESBORO COURSES

The following are courses that ASUN students must take to complete ASUJ's Bachelor of Science in Biological Sciences Emphasis in Botany

Foreign Language Requirement (0-6 hours)*

French, German, or Spanish

Major Requirements (16 hours)*

BIO 3013 AND 3011 Genetics and Laboratory

BIO 3023 Principles of Ecology

BIO 4021 Biological Seminar

CHEM 3103 AND 3101 Organic Chemistry I and Laboratory

CHEM 3113 AND 3111 Organic Chemistry II and Laboratory

Emphasis Area (Botany) (27 hours)*

BIO 3033 Evolution

BIO 3303 AND 3301 General Entomology and Laboratory OR

BIO 3313 AND 3311 Economic Entomology and Laboratory

BIO 3542 AND BIO 3541 Plant Pathology and Laboratory OR

BIO 4542 AND BIO 4541 Mycology and Laboratory OR

BIO 4552 AND BIO 4551 Medical Mycology and Laboratory

BIO 4104 Microbiology

BIO 4513 Plant Physiology

BIO 4522 AND BIO 4521 Wetland Plant Ecology and Laboratory

BIO 4704 Plant Systematics

STAT 3233 Applied Statistics I OR

CHEM 4243 Biochemistry

Electives (8 - 14 hours)**

*Due to rotation all courses may not be available every term

**Must include 2 Upper-Level hours